

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C08K5/00 //(C08K5/00,5:13,5:527,5:372)

According to International Patent Classification (IPC) or the patent classification and IPC 7 APR 2005

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C08K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

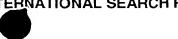
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

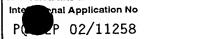
EPO-Internal, WPI Data, PAJ, CHEM ABS Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	1-4, 6-10,12, 14,16,18	
X	DATABASE WPI Section Ch, Week 200138 Derwent Publications Ltd., London, GB; Class A17, AN 2001-365817 XP002243985 & RU 2 166 217 C (REAL SERVICE CABLE CORP) , 27 April 2001 (2001-04-27) abstract		
X	EP 0 330 256 A (ENICHEM SINTESI) 30 August 1989 (1989-08-30) examples claims 1,4,5,8,9	1-10, 14-18	
X	US 6 274 678 B1 (SHINOZAKI TETSUNORI ET AL) 14 August 2001 (2001-08-14)  table 3	1-3,5-9, 11-16, 18,19	

Further documents are listed in the continuation of box C.	Y Patent family members are listed in annex.
Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier document but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search  11 June 2003	Date of mailing of the international search report  24/06/2003
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  Rose, E

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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	I Deliverate deliverate
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 827 979 A (IDEMITSU KOSAN CO) 11 March 1998 (1998-03-11) claims 1,5,19	1-3,5-9, 14,18
X	EP 0 450 304 A (MITSUI PETROCHEMICAL IND) 9 October 1991 (1991-10-09)	1-3,5-9, 12,14, 16,18
	claims 6,8	10,10
X	US 5 298 540 A (PAUQUET JEAN-ROCH ET AL) 29 March 1994 (1994-03-29)	1-3,5-9, 12,14, 18,19
	claims 1,6,10	
X	EP 0 423 346 A (MITSUI PETROCHEMICAL IND) 24 April 1991 (1991-04-24)	1-3,5-9, 12,14, 16,18,19
	claim 5	10,10,13
X	EP 0 343 863 A (MITSUI PETROCHEMICAL IND) 29 November 1989 (1989-11-29) claims 1,2,8	1-10,12, 14,16-19
X	EP 0 227 948 A (BORG WARNER CHEMICALS INC) 8 July 1987 (1987-07-08)	1-3,5,6, 8,9,12, 14,16-18
	claims 1-17	11,1010
X	EP 0 115 885 A (STAMICARBON) 15 August 1984 (1984-08-15) claims 1-9	1-10,12, 14,18
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ormation on patent family members

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ional Application No EP 02/11258

					1 5-1 / 1-1	02/11256
	Patent document ed in search report		Publication date		Patent family member(s)	Publication date
RL	J 2166217	С	27-04-2001	RU	2166217 C1	27-04-2001
EF	0330256	A	30-08-1989	IT AT AU BR CA DE DE JP JP KR MX RU US ZA	1215943 B 184299 T 3015989 A 8900908 A 1330483 A1 68929067 D1 68929067 T2 0330256 A2 1282228 A 7119318 B 9202870 B1 169560 B 2054017 C1 5155153 A 8901114 A	22-02-1990 15-09-1999 24-08-1989 24-10-1989 05-07-1994 14-10-1999 24-02-2000 30-08-1989 14-11-1989 20-12-1995 06-04-1992 12-07-1993 10-02-1996 13-10-1992 29-11-1989
U:	6 6274678	B1	14-08-2001	US US US	2002006993 A1 6284857 B1 2002032296 A1	17-01-2002 04-09-2001 14-03-2002
EI	0827979	A	11-03-1998	JP DE DE EP US WO	8302117 A 69619669 D1 69619669 T2 0827979 A1 6214909 B1 9635752 A1	19-11-1996 11-04-2002 29-08-2002 11-03-1998 10-04-2001 14-11-1996
E	P 0450304	A	09-10-1991	ATA ON N N O SEE EE BE GENERAL OF SEE EE	137512 T 161554 T 2037002 A1 1054425 A ,B 1064689 A ,B 1064690 A ,B 1064489 A ,B 9100490 A2 69119132 D1 69119132 T2 69128546 D1 69128546 T2 450304 T3 630916 T3 0450304 A2 0630916 A2 2088784 T3 2111815 T3 3019812 T3 3019812 T3 3019812 T3 3026040 T3 216296 A 3296512 A 9403955 B1 289219 A1 107954 B1 42919 A1 65030 A1 2091401 C1 5290896 A	15-05-1996 15-01-1998 28-08-1991 11-09-1991 23-09-1992 23-09-1992 16-09-1992 15-10-1991 05-06-1996 02-10-1998 14-05-1998 14-05-1998 09-10-1991 28-12-1994 16-09-1996 16-03-1998 31-08-1996 30-04-1998 27-12-1996 27-12-1991 09-05-1994 24-08-1992 31-01-1994 17-10-1997 25-05-1999 27-09-1997 01-03-1994

mation on patent family members -

In Found Application No FSS EP 02/11258

		——————————————————————————————————————			UZ/11250
Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0450304	A	·	JP CA CS DE EP HJP RO SRU JP JP	3296510 A 138082 T 2037025 A1 9100491 A2 69119447 D1 69119447 T2 0444606 A1 216196 A 4249557 A 9309263 B1 289217 A1 168645 B1 167983 B1 107953 B1 43726 A1 2095375 C1 5324805 A 4249558 A 4249559 A	27-12-1991 15-06-1996 28-08-1991 15-10-1991 20-06-1996 17-10-1996 04-09-1991 27-12-1996 04-09-1992 25-09-1993 24-08-1992 29-03-1996 30-12-1995 31-01-1994 14-11-1997 10-11-1997 10-11-1997 28-06-1994 04-09-1992 04-09-1992
US 5298540	A	29-03-1994	CN CA DE EP ES JP JP	1055368 A ,B 2063970 A1 59209680 D1 0506614 A2 2132114 T3 3248002 B2 5132577 A	16-10-1991 
EP 0423346	A	24-04-1991	AT CA DE DE EP ES WO JP KR US	192471 T 2025021 A1 69033537 D1 69033537 T2 0423346 A1 0652253 A2 2147582 T3 9008173 A1 2851942 B2 9200170 B1 5395869 A	15-05-2000 13-07-1990 08-06-2000 11-01-2001 24-04-1991 10-05-1995 16-09-2000 26-07-1990 27-01-1999 09-01-1992 07-03-1995
EP 0343863	Α	29-11-1989	AT CA CN DE DE JP JP JP JP JP	109815 T 1334459 A1 1039432 A 68917374 D1 68917374 T2 0343863 A2 2049044 A 9108782 B1 2043235 A 2043237 A 2077456 A 2043239 A 2043240 A 2049045 A 2043241 A	15-08-1994 14-02-1995 07-02-1990 15-09-1994 01-12-1994 29-11-1989 19-02-1990 21-10-1991 13-02-1990 13-02-1990 13-02-1990 13-02-1990 13-02-1990 13-02-1990 13-02-1990

rmation on patent family members

Ir	Application No
EP/EP	02/11258

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0227948	A		DE EP JP JP KR	3688241 T2 0227948 A2 7107112 B 62174244 A 9502555 B1	16-09-1993 08-07-1987 15-11-1995 31-07-1987 21-03-1995
EP 0115885	Α	15-08-1984	NL EP	8300064 A 0115885 A1	01-08-1984 15-08-1984